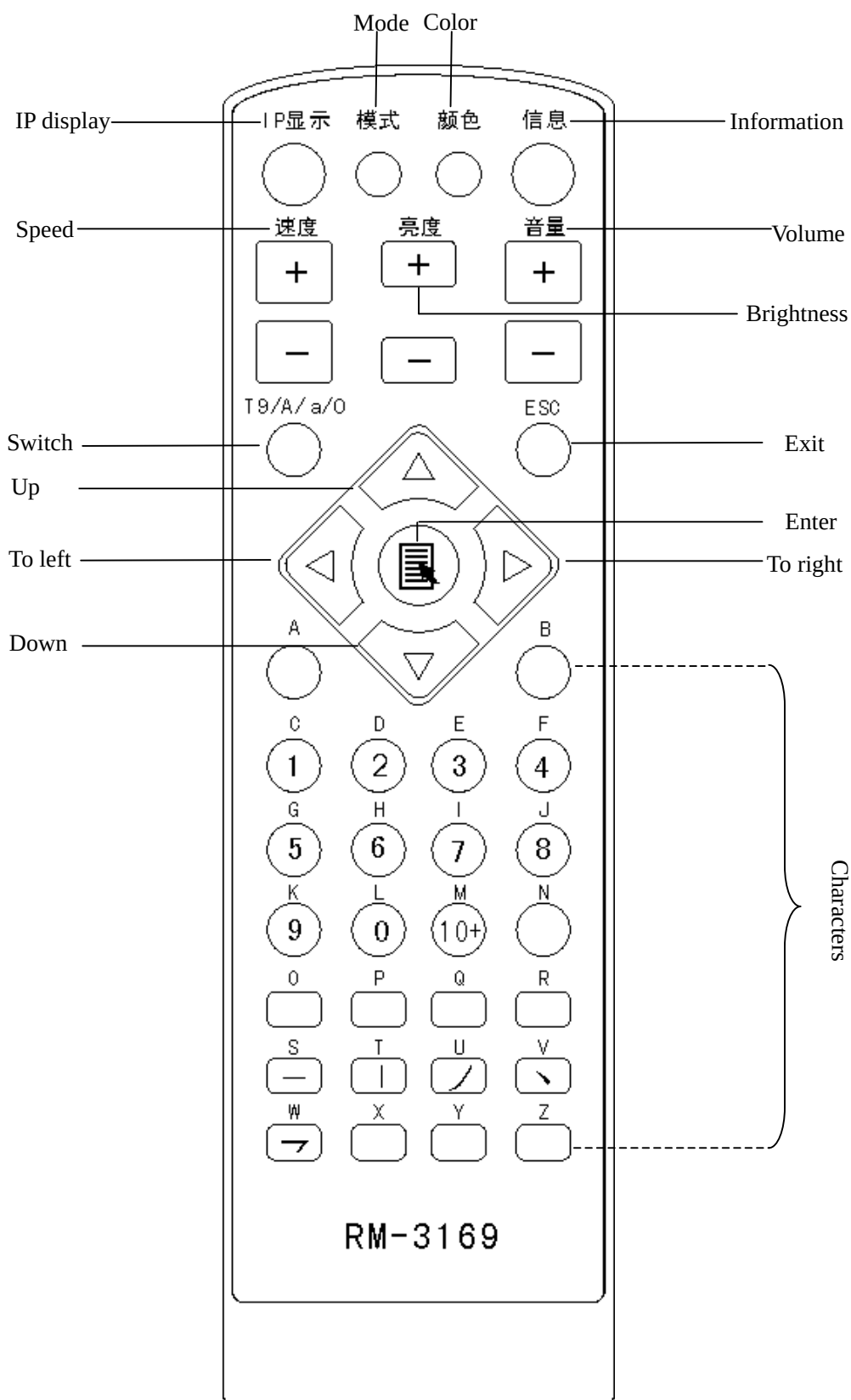


The Keyboard and Remote Control of Display Screen Operation User Manual

(1) The Use of Remote Control



◆ Key-press Instructions

“IP display”:

Display the IP address of display screen.

“Mode”:

TXT mode, nine kinds of mode in all can be chosen. Detailed information, please see the TXT mode of menu structure flow chart in the following text.

“Color”:

Three kinds of color (red, yellow, and blue) in all can be chosen. Detailed information, please see the color setup of display adjustment of menu structure flow chart in the following text.

“Information”:

No function.

“Speed + / - ” and “Brightness + / - ”:

Have multi-level speed and brightness adjustment. Detailed information, please refer to the speed adjustment and brightness adjustment of display adjustment of menu structure flow chart in the following text.

“Volume + / - ”:

Can directly check temperature, humidity, and luminosity.

“T9/A/a/0”:

Input method switching key-press, can in turn switch five kinds of input methods: T9 strokes of Chinese character, pinyin, capital letter, small letter, and numbers.

“ESC”:

Exit key-press. Return to the previous menu until display screen exits menu operation interface.

“Enter”:

1. Press this key-press to access the first layer menu. The first menu has display adjustment, time setup, language select, circulation mode, system setup, GSM setup, and editor. About the structure of each menu, please refer to menu structure flow chart in the following text.
2. After entering the first layer menu, user can choose corresponding menu options through “up” key-press or “down” key-press, and then press “Enter” to access the second layer menu.
3. Using same operation enters the third layer menu.

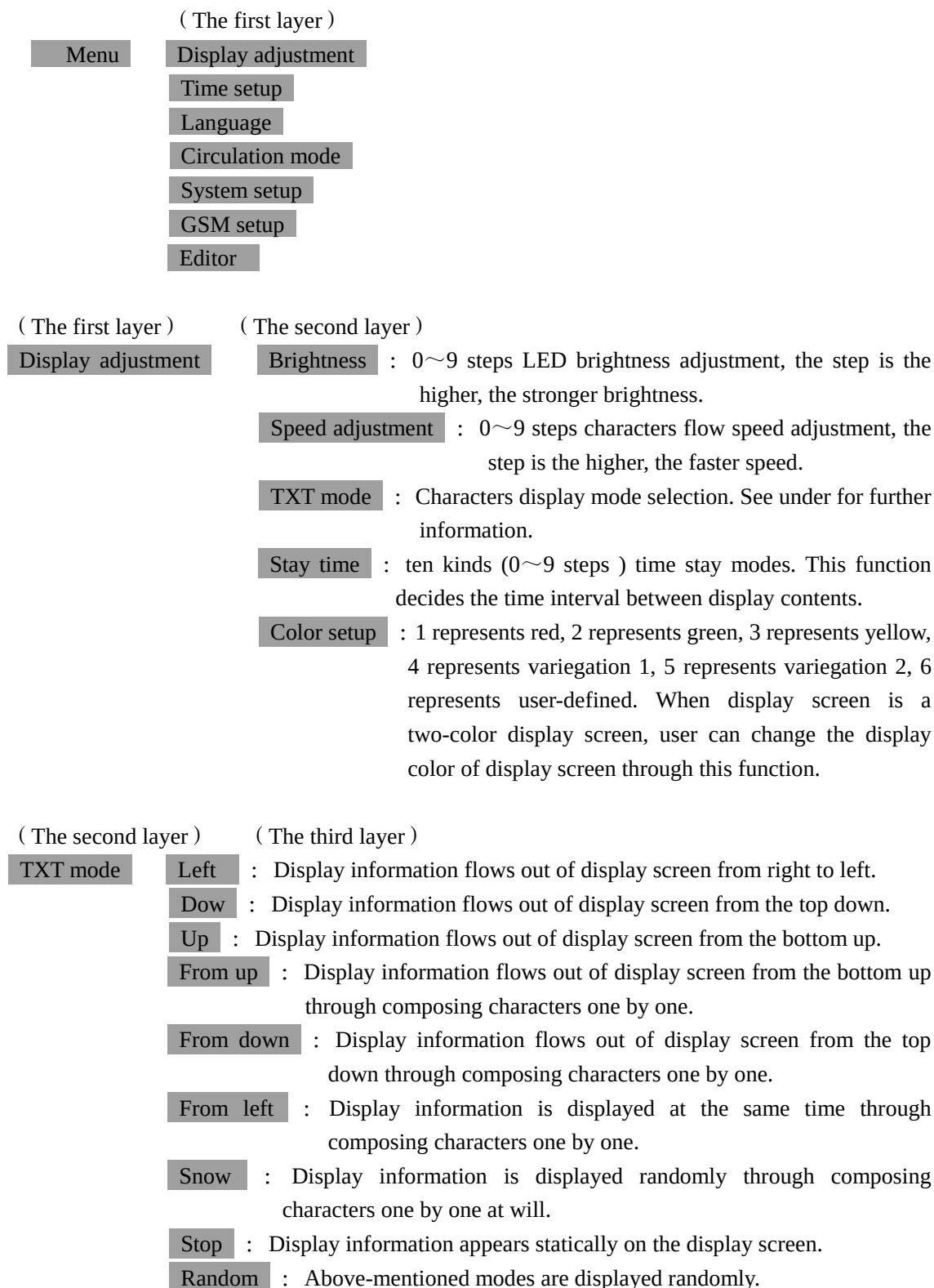
“Up/Down”:

Using “Up” and “Down” switches every layer menu options. “Up” key-press has space function, and “Down” key-press has the function clearing one by one, while editing display contents.

“To left/ To right”:

- 1) Using “To Left” key-press or “To Right” key-press can increase or decrease the numerical value in the second layer menu or the third layer menu.
- 2) Can be used to choose display contents.

◆ Menu Structure Flow Chart



(The first layer) (The second layer)

Time setup	Hour adjustment : From 01 to 24, “01” means that the time is 1 o’ clock at present. Has 24-hour and 12-hour time system. If time mode is 12-hour time system, pressing “To right” or “To left” can switch “AM (morning)” and “PM (evening)” in turn. 24-hour time system and 12-hour time system can switch mutually.
	Minute adjustment : From 00 to 59, “01” means that the minute is one minute at present, and the rest may be deduced by analogy.
	Second adjustment : From 00 to 59, “01” means that the second is one second at present, and the rest may be deduced by analogy.
	Year adjustment : From 00 to 59, “06” means that the year is 2006 at present, and the rest may be deduced by analogy.
	Month adjustment : From 00 to 12, “01” means that the month is the first month of a year at present, and the rest may be deduced by analogy.
	Day adjustment : From 00 to 31, “01” means that the date is the 1st, and the rest may be deduced by analogy.
	Week adjustment : The adjustable range is from Monday to Sunday.
	Time mode : 12-hour time system and 24-hour time system can be chosen.
	Error : - 9 to + 9.
	Display clock : Open, close.
	Clock mode : From 01 to 06, have six kinds of modes in all.

(The first layer) (The second layer)

GSM setup	Receiving setup : Set number effective: display screen only can receive messages sent by these mobile telephones that have been set. All effective: display screen can receive messages sent by any mobile telephones.
	Number list : Display number lists that have been set.
	Allow receiving : User can directly input mobile telephone numbers, and can input eight mobile telephone numbers at most.

(The first layer) (The second layer)

Language select	Menu font : Simplified Chinese character, traditional Chinese character, English. TXT font : Simplified Chinese character, traditional Chinese character. TXT internal code : GB、BIG5.
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(The first layer) (The second layer)

Circulation mode	Order : The information that has been inputted successfully is displayed circularly according to the sequence of information input. Repeat : The information has been inputted currently is displayed repetitively, at the same time don’t delete another
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advertisement information, and advertisement information still will be displayed circularly according to the sequence of information input when user chooses “order”.

Random : Above-mentioned modes are displayed randomly.

(The first layer) (The second layer)

System setup

IP setup : The adjustable range is 01~255.

Row setup : The adjustable range is 01 to 32.

Column setup : The adjustable range is 01 to 32.

Delete advertisement : Delete all display contents that have been input.

Memory setup : **Increase:** increase required information behind old information.

Replace: cancel completely old information in the display screen but replace it with the required new information.

Photometer : Open, close.

Thermometer : Open, close

Hygrometer : Open, close.

Attention: hygrometer, thermometer, and photometer only support “Left” TXT display mode, and adopting another TXT display mode can’t display hygrometer, thermometer, and photometer.

(The first layer) (The second layer)

Editor

ABC input : Capital English letter input.

abc input : Small English letter input.

123 input : Number input.

Pinyin input : English user pay attention to it unnecessarily.

Strokes input : English user pay attention to it unnecessarily.

Symbol input : 7 group symbols from A to G. see under table for further information.

Editorial note:

- 1) “Up” key-press has space function, and “Down” key-press has the function clearing one by one. For example, pressing “Up” key-press can directly forward space when user edits “HSAV_”, namely “HSAV_ _ _”. Also, user can choose contents through “ To left” and “To right”, and then space, for example, choose “A” and space, will display “HS_AV”. If user needs to delete display information, can directly press “Down” to delete information in turn, or first choose display information that need to be deleted through “ To left” and “To right”, and then delete it.
- 2) After finishing editing, display screen will display “S/N/E” when exit every time. Choosing S can save current editing information, choosing N doesn’t save current editing information, and choosing E can continue to edit information.
- 3) Have 7 groups of symbol. Except symbol key A to G, other symbol keys default as A kind symbol. Symbol table is as follow:

!	"	#	\$
{		}	~
]	^	_	`
?	@	[	\
;	<	=	>
-	.	/	:
)	*	+	,
%	&	'	(

!	"	#	¥
←	↑	↓	≡
△	▲	※	→
◇	◆	□	■
★	○	●	◎
‰	§	№	☆
\$	⌘	℄	£
°	'	"	℃
∴	∴	♂	♀
✂	≡	≡	∞
∞	∞	≠	ℵ
ℳ	≡	≡	≈
∠	∩	⊙	∫
∴	✓	⊥	∥
∏	∪	∩	∈
:	∧	∨	Σ
】	±	×	÷
』	【	】	【
》	「	」	『
〕	〈	〉	《
,	“	”	〔
~	∥	...	‘
∴	∥	々	—
。	•	-	∨
{	!	}	、
]	^	-	、
?	@	[	\
;	<	=	>
-	.	/	:
)	*	+	,
%	&	'	(

C	0	1	2	3
	XI		XII	
	VII	VIII	IX	X
	III	IV	V	VI
	(Ⅶ)	(Ⅷ)	I	II
	(Ⅴ)	(Ⅵ)	(Ⅱ)	(Ⅲ)
	(Ⅰ)	(Ⅳ)	(Ⅸ)	(Ⅹ)

А	В	Г	Δ
ñ		g	
а	м	н	ñ
ù	ù	ü	ê
ǔ	ù	ũ	ú
ǒ	ò	ū	ú
ĩ	ì	ō	ó
ě	è	ī	í
ǎ	à	ē	é
Ю	Я	ā	á
Ъ	Ы	Ь	Э
Ц	Ч	Ш	Щ
Т	У	Ф	Х
О	П	Р	С
К	Л	М	Н
Ж	З	И	Й
г	д	е	ё
Я	а	б	в
Ы	ь	э	ю
ч	ш	щ	ъ
у	ф	х	ц
п	р	с	т
л	м	н	о
з	и	й	к
Д	Е	Ё	Ж
А	Б	В	Г
ф	х	ψ	ω
ρ	σ	τ	υ
ν	ξ	ο	π
ι	κ	λ	μ
ε	ζ	η	θ
α	β	γ	δ
Φ	Χ	Ψ	Ω
Ρ	Σ	Τ	Υ
Ν	Ξ	Ο	Π
Ι	Κ	Λ	Μ
Ε	Ζ	Η	Θ

E	A	B	C	D
	w	x	y	z
	s	t	u	v
	o	p	q	r
	k	l	m	n
	g	h	i	j
	c	d	e	f
	Y	Z	a	b
	U	V	W	X
	Q	R	S	T

F	あ	あ	い	い
	メ		ロ	
	九	ム	儿	丨
	么	又	弓	乚
	ㄥ	せ	𠂔	入
	ㄅ	ム	丫	ㄟ
	イ	尸	日	尸
	リ	く	丁	虫
	カ	ㄱ	ㄣ	厂
	匕	ㄎ	去	ろ
	ケ	ㄏ	夕	冂
	ヲ	ン	ヴ	カ
	ワ	ワ	丰	エ
	リ	ル	レ	ロ
	ユ	ヨ	ヨ	ラ
	モ	ヤ	ヤ	ユ
	マ	ミ	ム	メ
	ペ	ホ	ボ	ボ
	ブ	フ	ヘ	ベ
	ヒ	ビ	ピ	フ
	ノ	ハ	バ	パ
	ナ	ニ	ヌ	ネ
	テ	デ	ト	ド
	ヂ	ッ	ツ	ヅ
	ゾ	タ	ダ	チ
	ズ	セ	ゼ	ソ
	ザ	シ	ジ	ス
	ゲ	コ	ゴ	サ
	ギ	ク	グ	ケ
	オ	カ	ガ	キ
	ウ	エ	エ	オ
	ア	イ	イ	ウ
	ゑ	を	ん	ア
	ろ	わ	わ	ゐ
	ら	り	る	れ
	ゆ	ゆ	よ	よ
	め	も	や	や
	ぽ	ま	み	む
	べ	ぺ	ほ	ぼ
	ふ	ぶ	ふ	へ
	ぱ	ひ	び	ぴ
	ね	の	は	ば
	ど	な	に	ぬ
	づ	て	で	と
	ち	ぢ	っ	つ
	そ	ぞ	た	だ
	す	ず	せ	ぜ
	さ	ざ	し	じ

	—	—		
	+	+	+	+
	+	+	+	+
	+	+	+	+
	+	+	+	+
	⊥	⊥	⊥	⊥
	⊥	⊥	⊥	⊥
	⌞	⌞	⌞	⌞
	⌞	⌞	⌞	⌞
G	┐	┐	┐	┐
	┐	┐	┐	┐
	└	└	└	└
	└	└	└	└
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	---	---	:	:

⑦	⑧	⑨	⑩
③	④	⑤	⑥
(19)	(20)	①	②
(15)	(16)	(17)	(18)
(11)	(12)	(13)	(14)
(7)	(8)	(9)	(10)
(3)	(4)	(5)	(6)
19.	20.	(1)	(2)
15.	16.	17.	18.
11.	12.	13.	14.
7.	8.	9.	10.
3.	4.	5.	6.
8	9	1.	2.
4	5	6	7

M	N	O	P
I	J	K	L
E	F	G	H

け	げ	こ	ご
き	ぎ	く	ぐ
お	お	か	か
う	う	え	え

◆ Operation Exemplifying

Time adjustment:

- 1) First, press “Enter” to access first layer; and then using “Up” or “Down” switches to the “time adjustment”; finally press “Enter” to access time adjustment.
- 2) “Time adjustment” has nine items in all, they are respectively “hour adjustment”, “clock mode”, “display clock select”, “error”, “minute adjustment”, “second adjustment”, “year adjustment”, “month adjustment”, “day adjustment”, “week adjustment”. Using “Up” or “Down” switches to the corresponding item that user needs, and then press “menu” “Enter” to access adjustment.
- 3) For example, user needs to adjust “hour”. After entering time adjustment, using “Up” or “Down” switches to the hour adjustment, and then press “menu” “Enter” to access hour adjustment. After entering, display screen may display two digits (24-hour time system) or four characters (12-hour time system), for instance, “08PM” or “08AM”. Using “To left” or “To right” can increase or decrease numerical value, then exit automatically.
- 4) If user needs to adjust “minute”. After entering time adjustment, using “Up” or “Down” switches to the minute adjustment, and then press “menu” “Enter” to access minute adjustment. After entering, using “To left” or “To right” adjusts numerical value, and then exit automatically.
- 5) If user applies above-mentioned methods of operation to adjust each option of time setup, updating the date and time of display screen can be realized.
- 6) The adjustments of other functions are same as this.

◆ Attention:

- 1) Only after next advertisement appearing, the mode that has been set successfully during the period of advertisement contents are flowing can take effect.

(2) Using Keyboard Controls Display Screen

◆ Key-press Instructions

“ESC”:

Exit key-press. Return to the previous menu until display screen exits menu operation interface.

“F1”:

Display the IP address of display screen.

“F2”:

TXT mode. Nine kinds of mode in all can be chosen. More detailed information, please refer to the above-mentioned TXT mode of the remote control menu structure flow chart.

“F12”:

When display contents flow normally, pressing this key-press can display date. This key-press is input method switching key-press while editing display contents, and pressing this key-press can in turn switch five kinds of input methods: T9 strokes of Chinese character, pinyin, capital letter, small letter, and numbers.

“Backspace”:

This is a clear key-press while editing display contents.

“Enter”:

- 1) Press this key-press to access the first layer menu. The first menu has display adjustment, time setup, language select, circulation mode, system setup, GSM setup, and editor. About the structure of each menu, please refer to the above-mentioned remote control menu structure flow chart.
- 2) After entering the first layer menu, user can choose corresponding options through “up” key-press or “down” key-press, and then press “Enter” to access the second layer menu.
- 3) Using same operation enters the third layer menu.

Up arrow and down arrow:

Up arrow is “Up” key-press, and down arrow is “Down” key-press.

Switch every layer menu options. “Up” key-press has space function, and “Down” key-press has the function clearing one by one, while editing display contents.

Left arrow and right arrow:

Left arrow is “To Left” key-press, and right arrow is “To Right” key-press.

- 1) Using “To Left” key-press or “To Right” key-press can increase or decrease the numerical value in the second layer menu or the third layer menu.
- 2) Can be used to choose display contents.

Attention:

- 1) H, S, P, Z, and N key-press on the keyboard represents respectively five kinds of strokes in the T9 strokes of Chinese character. Users using English pay attention to them unnecessarily.
- 2) Left big bracket ({), right big bracket (}), colon (:), double quotation marks ("), in-less-than symbol (<), is-greater-than symbol (>), and question mark (?) on the keyboard represents respectively A, B, C, D, E, F, and G symbol (please see the above-mentioned remote control symbol list).

◆ Keyboard Operation and Function Instructions

The operation and functions of keyboard are identical with the operation and functions of remote control. User can refer to the above-mentioned remote control operation instructions.